

	Ref #	Hits	Search Text
1	S1	20181	(polysialic adj acid) or (PSA) or (poly adj sialic adj acid)
2	S2	1203	S1 same peptide
3	S3	37	S2 same (neural adj cell acj adhesion adj molecule or (NCAM))
4	S5	21	S1 same (neural adj cell adj adhesion adj molecule or (NCAM) or (N-CAM)) same peptide
5	S4	218	S1 same (neural adj cell adj adhesion adj molecule or (NCAM) or (N-CAM))
6	S6	72936	"530".clas.
7	S7	0	S6 same (polysialic adj acid or (PSA) or (poly adj sialic adj acid))
8	S8	1787	S6 and (polysialic adj acid or (PSA) or (poly adj sialic adj acid))
9	S9	189	S6 and (polysialic adj acid or (PSA) or (poly adj sialic adj acid)) and (NCAM or (neural adj cell adj adhesion adj molecule) or (N-CAM))
10	S10	12	S9 and medicament
11	S11	174	S9 and pharmaceutical
12	S12	13	rougon-genevieve.in.
13	S13	1	torregrossa-pascal.in.
14	S15	4	nielsen-claus-schafer.in.
15	S14	9	schachner-melitta.in.

=> s (b epitope) (p) ((anti-psa) or (poly sialic acid) or (PSA)) (p) (NCAM)

0\* FILE ADISNEWS  
0\* FILE ANTE  
0\* FILE AQUALINE  
0\* FILE BIOENG  
0\* FILE BIOTECHABS  
0\* FILE BIOTECHDS  
0\* FILE BIOTECHNO

13 FILES SEARCHED...

1 FILE CAPLUS  
0\* FILE CEABA-VTB  
0\* FILE CIN  
30 FILE DGENE

23 FILES SEARCHED...

0\* FILE ES BIOBASE  
0\* FILE FOMAD  
0\* FILE FOREGE

32 FILES SEARCHED...

0\* FILE FROSTI  
0\* FILE FSTA  
1 FILE IFIPAT  
0\* FILE KOSMET  
0\* FILE NTIS  
0\* FILE NUTRACEUT  
0\* FILE PASCAL

47 FILES SEARCHED...

0\* FILE PHARMAML  
1 FILE TOXCENTER

60 FILES SEARCHED...

1 FILE USPATFULL  
0\* FILE WATER

5 FILES HAVE ONE OR MORE ANSWERS, 69 FILES SEARCHED IN STNINDEX

L3 QUE (B EPITOPE) (P) ((ANTI-PSA) OR (POLY SIALIC ACID) OR (PSA)) (P) (NCAM)

=> file .peptide

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.04	68.66

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 09:24:30 ON 27 AUG 2007

FILE 'BIOSIS' ENTERED AT 09:24:30 ON 27 AUG 2007

Copyright (c) 2007 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 09:24:30 ON 27 AUG 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 09:24:30 ON 27 AUG 2007

Copyright (c) 2007 Elsevier B.V. All rights reserved.

FILE 'TOXCENTER' ENTERED AT 09:24:30 ON 27 AUG 2007

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l3

L4 2 L3

=> d l4 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2004:326183 CAPLUS  
 DN 140:350619  
 TI Poly- $\alpha$ 2,8-sialic acid mimetic peptides and their use in the  
 treatment of neurodegenerative and other conditions  
 PA Centre National de la Recherche Scientifique (CNRS), Fr.; Universite de la  
 Mediterranee - Aix-Marseille II; Schafer-N; Universitat Hamburg  
 SO Eur. Pat. Appl., 36 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1411061	A1	20040421	EP 2002-292548	20021016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501994	A1	20040429	CA 2003-2501994	20031016
	WO 2004035609	A2	20040429	WO 2003-IB5108	20031016
	WO 2004035609	A3	20040826		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003278501	A1	20040504	AU 2003-278501	20031016
	EP 1551867	A2	20050713	EP 2003-769800	20031016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006516186	T	20060629	JP 2004-544626	20031016
	US 2006122108	A1	20060608	US 2005-531701	20051213
PRAI	EP 2002-292548	A	20021016		
	WO 2003-IB5108	W	20031016		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 2004:102190 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA14022350619U  
 TI Poly- $\alpha$ 2,8-sialic acid mimetic peptides and their use in the  
 treatment of neurodegenerative and other conditions  
 CS ASSIGNEE: Universitat Hamburg  
 PI EP 1411061 A1 21 Apr 2004  
 SO (2004) Eur. Pat. Appl., 36 pp.  
 CODEN: EPXXDW.  
 CY FRANCE  
 DT Patent  
 FS CAPLUS  
 OS CAPLUS 2004:326183  
 LA English  
 ED Entered STN: 4 May 2004  
 Last Updated on STN: 21 Feb 2006

=> s (anti-psa) and (NCAM)  
 L5 32 (ANTI-PSA) AND (NCAM)

=> s 15 and cyclic

L6                    0 L5 AND CYCLIC

=> d 15 1-32

L5    ANSWER 1 OF 32            MEDLINE on STN  
AN    2001368112            MEDLINE  
DN    PubMed ID: 11207800  
TI    The highly sialylated isoform of the neural cell adhesion molecule is required for estradiol-induced morphological synaptic plasticity in the adult arcuate nucleus.  
AU    Hoyk Z; Parducz A; Theodosis D T  
CS    Laboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, H-6701 Szeged, Hungary.  
SO    The European journal of neuroscience, (2001 Feb) Vol. 13, No. 4, pp. 649-56.  
      Journal code: 8918110. ISSN: 0953-816X.  
CY    France  
DT    Journal; Article; (JOURNAL ARTICLE)  
      (RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA    English  
FS    Priority Journals  
EM    200106  
ED    Entered STN: 2 Jul 2001  
      Last Updated on STN: 2 Jul 2001  
      Entered Medline: 28 Jun 2001

L5    ANSWER 2 OF 32            MEDLINE on STN  
AN    2001171861            MEDLINE  
DN    PubMed ID: 11272170  
TI    Sialylated form of the neural cell adhesion molecule (NCAM): a new tool for the identification and sorting of beta-cell subpopulations with different functional activity.  
AU    Bernard-Kargar C; Kassiss N; Berthault M F; Pralong W; Ktorza A  
CS    Laboratoire de Physiopathologie de la Nutrition, CNRS ESA 7059, Universite Paris, France.. cbernard@paris7.jussieu.fr  
SO    Diabetes, (2001 Feb) Vol. 50 Suppl 1, pp. S125-30.  
      Journal code: 0372763. ISSN: 0012-1797.  
CY    United States  
DT    Journal; Article; (JOURNAL ARTICLE)  
      (RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA    English  
FS    Abridged Index Medicus Journals; Priority Journals  
EM    200104  
ED    Entered STN: 10 Apr 2001  
      Last Updated on STN: 10 Apr 2001  
      Entered Medline: 5 Apr 2001

L5    ANSWER 3 OF 32            MEDLINE on STN  
AN    2000030156            MEDLINE  
DN    PubMed ID: 10561692  
TI    Overexpression of the alpha2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope.  
AU    Georgopoulou N; Breen K C  
CS    Department of Pharmacology and Neuroscience, University of Dundee, Ninewells Hospital Medical School, Dundee, Scotland, United Kingdom.  
SO    Journal of neuroscience research, (1999 Dec 1) Vol. 58, No. 5, pp. 641-51.  
      Journal code: 7600111. ISSN: 0360-4012.  
CY    United States  
DT    Journal; Article; (JOURNAL ARTICLE)  
      (RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)  
LA    English  
FS    Priority Journals  
EM    200001

ED Entered STN: 14 Jan 2000  
 Last Updated on STN: 14 Jan 2000  
 Entered Medline: 5 Jan 2000

L5 ANSWER 4 OF 32 MEDLINE on STN  
 AN 1998438475 MEDLINE  
 DN PubMed ID: 9765230  
 TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans.  
 AU Storms S D; Rutishauser U  
 CS Department of Neurosciences, Case Western Reserve University, Cleveland, Ohio 44106, USA.  
 NC EY06107 (NEI)  
 HD18369 (NICHD)  
 SO The Journal of biological chemistry, (1998 Oct 16) Vol. 273, No. 42, pp. 27124-9.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 199811  
 ED Entered STN: 6 Jan 1999  
 Last Updated on STN: 6 Jan 1999  
 Entered Medline: 6 Nov 1998

L5 ANSWER 5 OF 32 MEDLINE on STN  
 AN 1998429589 MEDLINE  
 DN PubMed ID: 9756617  
 TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells.  
 AU Kojima N; Tachida Y; Tsuji S  
 CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Wako, Saitama, 351-0198, Japan.  
 SO Journal of biochemistry, (1998 Oct) Vol. 124, No. 4, pp. 726-37.  
 Journal code: 0376600. ISSN: 0021-924X.  
 CY Japan  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199901  
 ED Entered STN: 2 Feb 1999  
 Last Updated on STN: 2 Feb 1999  
 Entered Medline: 21 Jan 1999

L5 ANSWER 6 OF 32 MEDLINE on STN  
 AN 1998158340 MEDLINE  
 DN PubMed ID: 9498575  
 TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma Neuro2a cells.  
 AU Kojima N; Tachida Y; Tsuji S  
 CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Wako, Saitama.  
 SO Journal of biochemistry, (1997 Dec) Vol. 122, No. 6, pp. 1265-73.  
 Journal code: 0376600. ISSN: 0021-924X.  
 CY Japan  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199804

ED Entered STN: 22 Apr 1998  
 Last Updated on STN: 22 Apr 1998  
 Entered Medline: 14 Apr 1998

L5 ANSWER 7 OF 32 MEDLINE on STN  
 AN 95248131 MEDLINE  
 DN PubMed ID: 7730661  
 TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated **NCAM** in tissues and biological fluids.  
 AU Dubois C; Okandze A; Figarella-Branger D; Rampini C; Rougon G  
 CS Laboratoire de Biologie Cellulaire, Faculte de Medecine Saint Antoine, Paris, France.  
 SO Journal of immunological methods, (1995 Apr 12) Vol. 181, No. 1, pp. 125-35.  
 Journal code: 1305440. ISSN: 0022-1759.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199505  
 ED Entered STN: 8 Jun 1995  
 Last Updated on STN: 8 Jun 1995  
 Entered Medline: 30 May 1995

L5 ANSWER 8 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2003:269540 BIOSIS  
 DN PREV200300269540  
 TI PASSIVE MEMBRANE PROPERTIES OF NEURAL STEM CELLS FROM THE ADULT NESTIN - GFP MOUSE DENTATE GYRUS.  
 AU Fukuda, S. [Reprint Author]; Kato, F.; Yamaguchi, T.; Miyamoto, Y.  
 [Reprint Author]; Tatsuhiko, H. [Reprint Author]  
 CS Dept Integrated Biosci, Univ Tokyo, Kashiwa, Japan  
 SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002) Vol. 2002, pp. Abstract No. 127.5. <http://sfn.scholarone.com>. cd-rom. Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience. Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 11 Jun 2003  
 Last Updated on STN: 11 Jun 2003

L5 ANSWER 9 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2002:547140 BIOSIS  
 DN PREV200200547140  
 TI Distribution of PSA-**NCAM** expression in the amygdala of the adult rat.  
 AU Nacher, J. [Reprint author]; Lanuza, E.; McEwen, B. S.  
 CS Laboratory of Neuroendocrinology, Rockefeller University, York Avenue, 1230, New York, NY, 10021, USA  
 nacher@uv.es  
 SO Neuroscience, (2 September, 2002) Vol. 113, No. 3, pp. 479-484. print. CODEN: NRSCDN. ISSN: 0306-4522.  
 DT Article  
 LA English  
 ED Entered STN: 23 Oct 2002  
 Last Updated on STN: 23 Oct 2002

L5 ANSWER 10 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2002:3912 BIOSIS

DN PREV200200003912  
 TI PSA-NCAM modulates PDGF-induced chemotaxis of O-2A glial progenitor cells.  
 AU Zang, H. [Reprint author]; Calaora, V. [Reprint author]; Vutskits, L. [Reprint author]; Rougon, G.; Kiss, J. Z. [Reprint author]  
 CS Morphology, University of Geneva Med. Sch, Geneva 4, Switzerland  
 SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2376. print.  
 Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 28 Dec 2001  
 Last Updated on STN: 25 Feb 2002

L5 ANSWER 11 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2001:158154 BIOSIS  
 DN PREV200100158154  
 TI The highly sialylated isoform of the neural cell adhesion molecule is required for estradiol-induced morphological synaptic plasticity in the adult arcuate nucleus.  
 AU Hoyk, Zs.; Parducz, A. [Reprint author]; Theodosis, D. T.  
 CS Laboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, H-6701, Szeged, Hungary  
 parducz@nucleus.szbk.u-szeged.hu  
 SO European Journal of Neuroscience, (February, 2001) Vol. 13, No. 4, pp. 649-656. print.  
 ISSN: 0953-816X.  
 DT Article  
 LA English  
 ED Entered STN: 28 Mar 2001  
 Last Updated on STN: 15 Feb 2002

L5 ANSWER 12 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2000:49016 BIOSIS  
 DN PREV200000049016  
 TI Overexpression of the alpha2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope.  
 AU Georgopoulou, Niki; Breen, Kieran C. [Reprint author]  
 CS Dept. of Pharmacology and Neuroscience, University of Dundee, Ninewells Hospital Medical School, Dundee, DD1 9SY, UK  
 SO Journal of Neuroscience Research, (Dec. 1, 1999) Vol. 58, No. 5, pp. 641-651. print.  
 CODEN: JNREDK. ISSN: 0360-4012.  
 DT Article  
 LA English  
 ED Entered STN: 3 Feb 2000  
 Last Updated on STN: 31 Dec 2001

L5 ANSWER 13 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 1999:48809 BIOSIS  
 DN PREV199900048809  
 TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells.  
 AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi [Reprint author]  
 CS Mol. Glycobiol., Frontier Res. Prog., Inst. Physical Chem. Res., Wako, Saitama 351-0198, Japan  
 SO Journal of Biochemistry (Tokyo), (Oct., 1998) Vol. 124, No. 4, pp.

726-737. print.

CODEN: JOBIAO. ISSN: 0021-924X.

DT Article  
LA English  
ED Entered STN: 10 Feb 1999  
Last Updated on STN: 10 Feb 1999

L5 ANSWER 14 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:490877 BIOSIS

DN PREV199800490877

TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans.

AU Storms, Scott D.; Rutishauser, Urs [Reprint author]

CS Program Cell. Biochem. Biophys., PO Box 290, Memorial Sloan-Kettering Cancer Cent., 1275 York Ave., New York, NY 10021, USA

SO Journal of Biological Chemistry, (Oct. 16, 1998) Vol. 273, No. 42, pp. 27124-27129. print.

CODEN: JBCHA3. ISSN: 0021-9258.

DT Article  
LA English  
ED Entered STN: 18 Nov 1998  
Last Updated on STN: 18 Nov 1998

L5 ANSWER 15 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:134409 BIOSIS

DN PREV199800134409

TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma neuro2a cells.

AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi [Reprint author]

CS Molecular Glycobiol., Frontier Res. Program, Inst. Physical Chemical Res., Wako, Saitama 351-01, Japan

SO Journal of Biochemistry (Tokyo), (Dec., 1997) Vol. 122, No. 6, pp. 1265-1273. print.

CODEN: JOBIAO. ISSN: 0021-924X.

DT Article  
LA English  
ED Entered STN: 20 Mar 1998  
Last Updated on STN: 4 May 1998

L5 ANSWER 16 OF 32 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1995:268962 BIOSIS

DN PREV199598283262

TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated **NCAM** in tissues and biological fluids.

AU Dubois, Catherine [Reprint author]; Okandze, Antoine; Figarella-Branger, Dominique; Rampini, Claude; Rougon, Genevieve

CS Lab. Biol. Cell., Fac. Med. St. Antoine, 27 rue de Chaligny, 75371 Paris Cedex 12, France

SO Journal of Immunological Methods, (1995) Vol. 181, No. 1, pp. 125-135.

CODEN: JIMMBG. ISSN: 0022-1759.

DT Article  
LA English  
ED Entered STN: 26 Jun 1995  
Last Updated on STN: 26 Jun 1995

L5 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2003:523622 CAPLUS

DN 139:49505

TI Method for fractionating multipotential nerve stem cells using magnetic



particles  
 IN Muramatsu, Shinichi; Ito, Tetsuo; Takeshima, Shunsuke; Kawase, Masako; Ueji, Shiro  
 PA Kainos Laboratories Inc., Japan  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2003189847	A	20030708	JP 2001-394053	20011226
PRAI	JP 2001-394053		20011226		

L5 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2001:107362 CAPLUS  
 DN 134:275862  
 TI Sialylated form of the neural cell adhesion molecule (NCAM): a new tool for the identification and sorting of  $\beta$ -cell subpopulations with different functional activity  
 AU Bernard-Kargar, Catherine; Kassiss, Nadim; Berthault, Marie-France; Pralong, William; Ktorza, Alain  
 CS Laboratoire de Physiopathologie de la Nutrition, Universite Paris, Paris, 75251, Fr.  
 SO Diabetes (2001), 50(Suppl. 1), S125-S130  
 CODEN: DIAEAZ; ISSN: 0012-1797  
 PB American Diabetes Association  
 DT Journal  
 LA English  
 RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 1999:778720 CAPLUS  
 DN 132:91232  
 TI Overexpression of the  $\alpha$ 2,6(N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope  
 AU Georgopoulou, Niki; Breen, Kieran C.  
 CS Department of Pharmacology and Neuroscience, Ninewells Hospital Medical School, University of Dundee, Dundee, DD1 9SY, UK  
 SO Journal of Neuroscience Research (1999), 58(5), 641-651  
 CODEN: JNREDK; ISSN: 0360-4012  
 PB Wiley-Liss, Inc.  
 DT Journal  
 LA English  
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 1998:700249 CAPLUS  
 DN 130:50368  
 TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans  
 AU Storms, Scott D.; Rutishauser, Urs  
 CS Department of Neurosciences, Case Western Reserve University, Cleveland, OH, 44106, USA  
 SO Journal of Biological Chemistry (1998), 273(42), 27124-27129  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English  
 RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1998:699605 CAPLUS  
DN 130:50187  
TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells  
AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi  
CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Saitama, 351-0198, Japan  
SO Journal of Biochemistry (Tokyo) (1998), 124(4), 726-737  
CODEN: JOBIAO; ISSN: 0021-924X  
PB Japanese Biochemical Society  
DT Journal  
LA English  
RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1998:61359 CAPLUS  
DN 128:203352  
TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma Neuro2a cells  
AU Kojima, Naoya; Tachida, Yuriko; Tsuji, Shuichi  
CS Molecular Glycobiology, Frontier Research Program, The Institute of Physical and Chemical Research (RIKEN), Saitama, 351-01, Japan  
SO Journal of Biochemistry (Tokyo) (1997), 122(6), 1265-1273  
CODEN: JOBIAO; ISSN: 0021-924X  
PB Japanese Biochemical Society  
DT Journal  
LA English  
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1995:496164 CAPLUS  
DN 122:260392  
TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated *NCAM* in tissues and biological fluids  
AU Dubois, Catherine; Okandze, Antoine; Figarella-Branger, Dominique; Rampini, Claude; Rougon, Genevieve  
CS Laboratoire de Biologie Cellulaire, Faculte de Medecine Saint Antoine, 27 rue de Chaligny, Paris, 75371/12, Fr.  
SO Journal of Immunological Methods (1995), 181(1), 125-35  
CODEN: JIMMBG; ISSN: 0022-1759  
PB Elsevier  
DT Journal  
LA English

L5 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1994:99556 CAPLUS  
DN 120:99556  
TI Structure, metabolism and cell biology of polysialic acids  
AU Rougon, Genevieve  
CS Lab. Genet. Physiol. Dev., Marseille, F-13288, Fr.  
SO European Journal of Cell Biology (1993), 61(2), 197-207  
CODEN: EJCBND; ISSN: 0171-9335  
DT Journal; General Review  
LA English

L5 ANSWER 25 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
AN 2001080143 EMBASE

TI The highly sialylated isoform of the neural cell adhesion molecule is required for estradiol-induced morphological synaptic plasticity in the adult arcuate nucleus.

AU Hoyk Zs.; Parducz A.; Theodosis D.T.

CS Dr. A. Parducz, Laboratory of Molecular Neurobiology, Institute of Biophysics, Biological Research Center, H-6701 Szeged, Hungary.  
parducz@nucleus.szbk.u-szeged.hu

SO European Journal of Neuroscience, (2001) Vol. 13, No. 4, pp. 649-656. .  
Refs: 41  
ISSN: 0953-816X CODEN: EJONEI

CY United Kingdom

DT Journal; Article

FS 003 Endocrinology  
008 Neurology and Neurosurgery  
021 Developmental Biology and Teratology

LA English

SL English

ED Entered STN: 16 Mar 2001  
Last Updated on STN: 16 Mar 2001

L5 ANSWER 26 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

AN 2001064349 EMBASE

TI Sialylated form of the neural cell adhesion molecule (NCAM): A new tool for the identification and sorting of  $\beta$ -cell subpopulations with different functional activity.

AU Bernard-Kargar C.; Kassis N.; Berthault M.-F.; Pralong W.; Ktorza A.

CS C. Bernard-Kargar, Lab. Physiopathologie de la Nutr., CNRS ESA 7059, Universite Paris 7, 2 Place Jussieu, 75251 Paris Cedex 05, France.  
cbernard@paris7.jussieu.fr

SO Diabetes, (2001) Vol. 50, No. SUPPL. 1, pp. S125-S130. .  
Refs: 26  
ISSN: 0012-1797 CODEN: DIAEAZ

CY United States

DT Journal; Conference Article

FS 029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 1 Mar 2001  
Last Updated on STN: 1 Mar 2001

L5 ANSWER 27 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

AN 1999413762 EMBASE

TI Overexpression of the  $\alpha$ 2,6 (N) sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope.

AU Georgopoulou N.; Breen K.C.

CS Dr. K.C. Breen, Dept. of Pharmacology/Neuroscience, University of Dundee, Ninewells Hospital Medical School, Dundee DD1 9SY, United Kingdom.  
k.c.breen@dundee.ac.uk

SO Journal of Neuroscience Research, (1 Dec 1999) Vol. 58, No. 5, pp. 641-651. .  
Refs: 41  
ISSN: 0360-4012 CODEN: JNREDK

CY United States

DT Journal; Article

FS 008 Neurology and Neurosurgery  
029 Clinical Biochemistry

LA English

SL English

ED Entered STN: 16 Dec 1999  
Last Updated on STN: 16 Dec 1999

L5 ANSWER 28 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 1998370547 EMBASE  
 TI A role for polysialic acid in neural cell adhesion molecule heterophilic binding to proteoglycans.  
 AU Storms S.D.; Rutishauser U.  
 CS U. Rutishauser, Program in Cell. Biochem./Biophysics, Memorial Sloan-Kettering Can. Center, 1275 York Ave., New York, NY 10021, United States. urs@ski.mskcc.org  
 SO Journal of Biological Chemistry, (16 Oct 1998) Vol. 273, No. 42, pp. 27124-27129. .  
 Refs: 36  
 ISSN: 0021-9258 CODEN: JBCHA3  
 CY United States  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 10 Dec 1998  
 Last Updated on STN: 10 Dec 1998

L5 ANSWER 29 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 1998361065 EMBASE  
 TI Alpha 1,6-linked fucose affects the expression and stability of polysialic acid-carrying glycoproteins in Chinese hamster ovary cells.  
 AU Kojima N.; Tachida Y.; Tsuji S.  
 CS N. Kojima, Molecular Glycobiology, Frontier Research Program, Institute Physical Chemical Research, Wako, Saitama 351-0198, Japan. stsuji@postman.riken.go.jp  
 SO Journal of Biochemistry, (1998) Vol. 124, No. 4, pp. 726-737. .  
 Refs: 45  
 ISSN: 0021-924X CODEN: JOBIAO  
 CY Japan  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 12 Nov 1998  
 Last Updated on STN: 12 Nov 1998

L5 ANSWER 30 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 1998012647 EMBASE  
 TI Two polysialic acid synthases, mouse ST8Sia II and IV, synthesize different degrees of polysialic acids on different substrate glycoproteins in mouse neuroblastoma Neuro2a cells.  
 AU Kojima N.; Tachida Y.; Tsuji S.  
 CS S. Tsuji, Molecular Glycobiology, Frontier Research Program, Institute Physical Chemical Research, Wako, Saitama 351-01, Japan  
 SO Journal of Biochemistry, (1997) Vol. 122, No. 6, pp. 1265-1273. .  
 Refs: 21  
 ISSN: 0021-924X CODEN: JOBIAO  
 CY Japan  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 22 Jan 1998  
 Last Updated on STN: 22 Jan 1998

L5 ANSWER 31 OF 32 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 95115162 EMBASE

DN 1995115162  
 TI A monoclonal antibody against Meningococcus group B polysaccharides used to immunocapture and quantify polysialylated **NCAM** in tissues and biological fluids.  
 AU Dubois C.; Okandze A.; Figarella-Branger D.; Rampipni C.; Rougon G.  
 CS Laboratoire de Biologie Cellulaire, Faculte de Medecine Saint Antoine, 27 Rue de Chaligny, 75371 Paris Cedex 12, France  
 SO Journal of Immunological Methods, (1995) Vol. 181, No. 1, pp. 125-135. . ISSN: 0022-1759 CODEN: JIMMBG  
 CY Netherlands  
 DT Journal; Article  
 FS 004 Microbiology  
 016 Cancer  
 026 Immunology, Serology and Transplantation  
 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 14 May 1995  
 Last Updated on STN: 14 May 1995

L5 ANSWER 32 OF 32 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 1999:214069 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA13208091232K  
 TI Overexpression of the  $\alpha 2,6(N)$  sialyltransferase enzyme in human and rat neural cell lines is associated with increased expression of the polysialic acid epitope  
 AU Georgopoulou, Niki; Breen, Kieran C.  
 CS Department of Pharmacology and Neuroscience, Ninewells Hospital Medical School, University of Dundee, Dundee, DD1 9SY, UK.  
 SO Journal of Neuroscience Research, (1999) Vol. 58, No. 5, pp. 641-651. CODEN: JNREDK. ISSN: 0360-4012.  
 CY UNITED KINGDOM  
 DT Journal  
 FS CAPLUS  
 OS CAPLUS 1999:778720  
 LA English  
 ED Entered STN: 16 Nov 2001  
 Last Updated on STN: 3 Apr 2002

=> s 15 and (b epitope)  
 L7 0 L5 AND (B EPITOPE)

=> s (b epitope) and ((polysialic acid) or (psa) or (poly sialic acid))  
 L8 6 (B EPITOPE) AND ((POLYSIALIC ACID) OR (PSA) OR (POLY SIALIC ACID))

=> d 18 1-6

L8 ANSWER 1 OF 6 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2007:8479 BIOSIS  
 DN PREV200700017947  
 TI Methods for isolating molecular mimetics of unique Neisseria meningitidis serogroup **B epitopes**.  
 AU Anonymous; Granoff, Dan M. [Inventor]; Moe, Gregory R. [Inventor]  
 CS Berkeley, CA USA  
 ASSIGNEE: Chiron Corporation; Children's Hospital Medical Center of Northern California  
 PI US 07063949 20060620  
 SO Official Gazette of the United States Patent and Trademark Office Patents, (JUN 20 2006)  
 CODEN: OGUPE7. ISSN: 0098-1133.  
 DT Patent

LA English  
ED Entered STN: 20 Dec 2006  
Last Updated on STN: 20 Dec 2006

L8 ANSWER 2 OF 6 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 2003:584700 BIOSIS  
DN PREV200300586888  
TI Molecular mimetics of unique Neisseria meningitidis serogroup *B*  
*epitopes*.  
AU Granoff, Dan M. [Inventor, Reprint Author]; Moe, Gregory R. [Inventor]  
CS ASSIGNEE: Chiron Corporation; Children's Hospital Medical Center of  
Northern California  
PI US 6642354 20031104  
SO Official Gazette of the United States Patent and Trademark Office Patents,  
(Nov 4 2003) Vol. 1276, No. 1. <http://www.uspto.gov/web/menu/patdata.html>.  
e-file.  
ISSN: 0098-1133 (ISSN print).

DT Patent  
LA English  
ED Entered STN: 10 Dec 2003  
Last Updated on STN: 10 Dec 2003

L8 ANSWER 3 OF 6 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 2000:462232 BIOSIS  
DN PREV200000462232  
TI Antibodies that define unique Meningococcal *B* *epitopes*  
and vaccine compositions.  
AU Granoff, Dan M. [Inventor, Reprint author]; Moe, Gregory R. [Inventor]  
CS Berkeley, CA, USA  
ASSIGNEE: Chiron Corporation; Children's Hospital Medical Center of  
Northern California  
PI US 6048527 20000411  
SO Official Gazette of the United States Patent and Trademark Office Patents,  
(Apr. 11, 2000) Vol. 1233, No. 2. e-file.  
CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent  
LA English  
ED Entered STN: 25 Oct 2000  
Last Updated on STN: 10 Jan 2002

L8 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2004:326183 CAPLUS  
DN 140:350619  
TI Poly- $\alpha$ ,8-sialic acid mimetic peptides and their use in the  
treatment of neurodegenerative and other conditions  
PA Centre National de la Recherche Scientifique (CNRS), Fr.; Universite de la  
Mediterranee - Aix-Marseille II; Schafer-N; Universitat Hamburg  
SO Eur. Pat. Appl., 36 pp.  
CODEN: EPXXDW

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1411061	A1	20040421	EP 2002-292548	20021016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501994	A1	20040429	CA 2003-2501994	20031016
	WO 2004035609	A2	20040429	WO 2003-IB5108	20031016
	WO 2004035609	A3	20040826		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,				

OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,  
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,  
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
 AU 2003278501 A1 20040504 AU 2003-278501 20031016  
 EP 1551867 A2 20050713 EP 2003-769800 20031016  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK  
 JP 2006516186 T 20060629 JP 2004-544626 20031016  
 US 2006122108 A1 20060608 US 2005-531701 20051213  
 PRAI EP 2002-292548 A 20021016  
 WO 2003-IB5108 W 20031016

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 1998:163619 CAPLUS  
 DN 128:216368  
 TI Monoclonal antibodies that define unique meningococcal B  
**epitopes** and their use in the preparation of vaccine compositions  
 IN Granoff, Dan; Moe, Gregory R.  
 PA Chiron Corporation, USA  
 SO PCT Int. Appl., 109 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9808874	A1	19980305	WO 1997-US15167	19970827
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2264585	A1	19980305	CA 1997-2264585	19970827
	CA 2264585	C	20050614		
	EP 922059	A1	19990616	EP 1997-941371	19970827
	EP 922059	B1	20031022		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 6048527	A	20000411	US 1997-925002	19970827
	JP 2001500372	T	20010116	JP 1998-511915	19970827
	AT 252602	T	20031115	AT 1997-941371	19970827
	US 2002197260	A1	20021226	US 2001-910552	20010723
	US 6642354	B2	20031104		
	US 2004077840	A1	20040422	US 2003-643465	20030819
	US 7063949	B2	20060620		
	US 2006035284	A1	20060216	US 2005-244209	20051005
PRAI	US 1996-25799P	P	19960827		
	US 1997-925002	A1	19970827		
	WO 1997-US15167	W	19970827		
	US 2000-494822	B3	20000131		
	US 2001-910552	A3	20010723		
	US 2003-643465	A1	20030819		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 6 OF 6 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 2004:102190 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA14022350619U  
 TI Poly- $\alpha$ 2,8-sialic acid mimetic peptides and their use in the  
 treatment of neurodegenerative and other conditions  
 CS ASSIGNEE: Universitat Hamburg

PI EP 1411061 A1 21 Apr 2004  
SO (2004) Eur. Pat. Appl., 36 pp.  
CODEN: EPXXDW.  
CY FRANCE  
DT Patent  
FS CAPLUS  
OS CAPLUS 2004:326183  
LA English  
ED Entered STN: 4 May 2004  
Last Updated on STN: 21 Feb 2006



FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE, TOXCENTER' ENTERED AT 09:24:30 ON  
27 AUG 2007

L4 2 S L3  
L5 32 S (ANTI-PSA) AND (NCAM)  
L6 0 S L5 AND CYCLIC  
L7 0 S L5 AND (B EPITOPE)  
L8 6 S (B EPITOPE) AND ((POLYSIALIC ACID) OR (PSA) OR (POLY SIALIC A

=> s (b epitope) and ((ncam) or (neual cell adhesion molecule)) and (anti-psa)  
L9 0 (B EPITOPE) AND ((NCAM) OR (NEUAL CELL ADHESION MOLECULE)) AND  
(ANTI-PSA)

=> s ((poly sialic acid) or (psa) or (polysialic acid)) and (ncam or (neural cell  
adhesion molecule))

L10 2942 ((POLY SIALIC ACID) OR (PSA) OR (POLYSIALIC ACID)) AND (NCAM OR  
(NEURAL CELL ADHESION MOLECULE))

=> s l10 and (b epitope)

L11 2 L10 AND (B EPITOPE)

=> s l10 and peptide

L12 124 L10 AND PEPTIDE

=> s l12 and epitope

L13 36 L12 AND EPITOPE

=> d l13 1-36

L13 ANSWER 1 OF 36 MEDLINE on STN

AN 2007180293 MEDLINE

DN PubMed ID: 17317015

TI Site-directed antibodies to low-voltage-activated calcium channel CaV3.3  
(alpha1I) subunit also target **neural cell**  
**adhesion molecule**-180.

AU Chen Y; Sharp A H; Hata K; Yunker A M R; Polo-Parada L; Landmesser L T;  
McEnery M W

CS Department of General Medical Sciences, Case Western Reserve University,  
School of Medicine, 10900 Euclid Avenue, Cleveland, OH 44106, USA.

NC 5R01MH55747 (NIMH)

SO Neuroscience, (2007 Mar 30) Vol. 145, No. 3, pp. 981-96. Electronic  
Publication: 2007-02-20.

Journal code: 7605074. ISSN: 0306-4522.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)

LA English

FS Priority Journals

EM 200706

ED Entered STN: 27 Mar 2007

Last Updated on STN: 14 Jun 2007

Entered Medline: 13 Jun 2007

L13 ANSWER 2 OF 36 MEDLINE on STN

AN 2005483854 MEDLINE

DN PubMed ID: 16027151

TI Specific amino acids in the first fibronectin type III repeat of the  
**neural cell adhesion molecule** play a  
role in its recognition and polysialylation by the polysialyltransferase  
ST8Sia IV/PST.

AU Mendiratta Shalu Shiv; Sekulic Nikolina; Lavie Arnon; Colley Karen J

CS Department of Biochemistry and Molecular Genetics, University of Illinois  
at Chicago College of Medicine, 60607, USA.

NC R01 GM63483 (NIGMS)

SO The Journal of biological chemistry, (2005 Sep 16) Vol. 280, No. 37, pp. 32340-8. Electronic Publication: 2005-07-18.  
Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)

LA English

FS Priority Journals

EM 200510

ED Entered STN: 13 Sep 2005

Last Updated on STN: 21 Oct 2005

Entered Medline: 20 Oct 2005

L13 ANSWER 3 OF 36 MEDLINE on STN

AN 2004366913 MEDLINE

DN PubMed ID: 15131117

TI Selection of poly-alpha 2,8-sialic acid mimotopes from a random phage **peptide** library and analysis of their bioactivity.

AU Torregrossa Pascal; Buhl Lone; Băncila Mircea; Durbec Pascale; Schafer Claus; Schachner Melitta; Rougon Genevieve

CS Laboratoire de Neurogenese et Morphogenese dans le Developpement et chez l'Adulte, Unite Mixte de Recherche CNRS 6156, Universite de la Mediterranee, Institut de Biologie du Developpement, Parc Scientifique de Luminy, 13288 Marseille 9, France.

SO The Journal of biological chemistry, (2004 Jul 16) Vol. 279, No. 29, pp. 30707-14. Electronic Publication: 2004-05-06.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 200408

ED Entered STN: 25 Jul 2004

Last Updated on STN: 18 Aug 2004

Entered Medline: 17 Aug 2004

L13 ANSWER 4 OF 36 MEDLINE on STN

AN 2003243307 MEDLINE

DN PubMed ID: 12765790

TI Localization of defined carbohydrate **epitopes** in bovine polysialylated **NCAM**.

AU Wuhrer Manfred; Geyer Hildegard; von der Ohe Maren; Gerardy-Schahn Rita; Schachner Melitta; Geyer Rudolf

CS Biochemisches Institut, Fachbereich Humanmedizin, Friedrichstrasse 24, Universitat Giessen, 35392 Giessen, Germany.

SO Biochimie, (2003 Jan-Feb) Vol. 85, No. 1-2, pp. 207-18.

Journal code: 1264604. ISSN: 0300-9084.

CY France

DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 200412

ED Entered STN: 28 May 2003

Last Updated on STN: 17 Dec 2003

Entered Medline: 22 Dec 2004

L13 ANSWER 5 OF 36 MEDLINE on STN

AN 2001391602 MEDLINE

DN PubMed ID: 11425798

TI Characterization of N-glycans from mouse brain **neural**

**cell adhesion molecule.**

AU Liedtke S; Geyer H; Wuhrer M; Geyer R; Frank G; Gerardy-Schahn R;  
Zahringer U; Schachner M  
CS Zentrum fur Molekulare Neurobiologie, Universitat Hamburg, D-20246  
Hamburg, Germany.  
SO Glycobiology, (2001 May) Vol. 11, No. 5, pp. 373-84.  
Journal code: 9104124. ISSN: 0959-6658.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200109  
ED Entered STN: 1 Oct 2001  
Last Updated on STN: 1 Oct 2001  
Entered Medline: 27 Sep 2001

L13 ANSWER 6 OF 36 MEDLINE on STN  
AN 2001112880 MEDLINE  
DN PubMed ID: 11133150  
TI The *polysialic acid* moiety of the *neural*  
*cell adhesion molecule* is involved in  
intraretinal guidance of retinal ganglion cell axons.  
AU Monnier P P; Beck S G; Bolz J; Henke-Fahle S  
CS Department of Ophthalmology, University of Tübingen, Schleichstrasse 12,  
Tübingen, D-72076, Germany.  
SO Developmental biology, (2001 Jan 1) Vol. 229, No. 1, pp. 1-14.  
Journal code: 0372762. ISSN: 0012-1606.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200102  
ED Entered STN: 22 Mar 2001  
Last Updated on STN: 22 Mar 2001  
Entered Medline: 8 Feb 2001

L13 ANSWER 7 OF 36 MEDLINE on STN  
AN 93322313 MEDLINE  
DN PubMed ID: 8331067  
TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding  
endo-N-acetylneuraminidase (endo-N) and comparison to an endo-N homolog in  
bacteriophage PK1E.  
AU Petter J G; Vimr E R  
CS Department of Veterinary Pathobiology, University of Illinois,  
Urbana-Champaign 61801.  
NC AI23039 (NIAID)  
SO Journal of bacteriology, (1993 Jul) Vol. 175, No. 14, pp. 4354-63.  
Journal code: 2985120R. ISSN: 0021-9193.  
CY United States  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
OS GENBANK-M63657  
EM 199308  
ED Entered STN: 26 Aug 1993  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 13 Aug 1993

L13 ANSWER 8 OF 36 MEDLINE on STN

AN 93262968 MEDLINE  
 DN PubMed ID: 7684180  
 TI Comparison of immunoreactivity between two different monoclonal antibodies recognizing **peptide** and **polysialic acid** chain **epitopes** on the **neural cell adhesion molecule** in normal tissues and lung tumors.  
 AU Tome Y; Hirohashi S; Noguchi M; Matsuno Y; Shimosato Y  
 CS Clinical Laboratory Division, National Cancer Center Hospital, Tokyo, Japan.  
 SO Acta pathologica japonica, (1993 Apr) Vol. 43, No. 4, pp. 168-75.  
 Journal code: 0372637. ISSN: 0001-6632.  
 CY Australia  
 DT (COMPARATIVE STUDY)  
 Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199306  
 ED Entered STN: 25 Jun 1993  
 Last Updated on STN: 29 Jan 1996  
 Entered Medline: 16 Jun 1993

L13 ANSWER 9 OF 36 MEDLINE on STN  
 AN 93215925 MEDLINE  
 DN PubMed ID: 8462735  
 TI A functional role for the middle extracellular region of the **neural cell adhesion molecule** (NCAM) in axonal fasciculation and orientation.  
 AU Pollerberg G E; Beck-Sickinger A  
 CS Max-Planck Institute for Developmental Biology, Department of Biochemistry, Tübingen, Germany.  
 SO Developmental biology, (1993 Apr) Vol. 156, No. 2, pp. 324-40.  
 Journal code: 0372762. ISSN: 0012-1606.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199304  
 ED Entered STN: 21 May 1993  
 Last Updated on STN: 21 May 1993  
 Entered Medline: 30 Apr 1993

L13 ANSWER 10 OF 36 MEDLINE on STN  
 AN 90243782 MEDLINE  
 DN PubMed ID: 2186048  
 TI Olfactory neurons express a unique glycosylated form of the **neural cell adhesion molecule** (N-CAM).  
 AU Key B; Akeson R A  
 CS Division of Basic Research, Children's Hospital Reserch Foundation, Cincinnati, Ohio 45229.  
 NC HD-21065 (NICHD)  
 NS-23348 (NINDS)  
 SO The Journal of cell biology, (1990 May) Vol. 110, No. 5, pp. 1729-43.  
 Journal code: 0375356. ISSN: 0021-9525.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 199006  
 ED Entered STN: 6 Jul 1990  
 Last Updated on STN: 29 Jan 1999  
 Entered Medline: 8 Jun 1990

L13 ANSWER 11 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2007:323196 BIOSIS  
 DN PREV200700337398  
 TI Site-directed antibodies to low-voltage-activated calcium channel Ca(v)3.3  
 (ALPHA1I) subunit also target **neural cell**  
**adhesion molecule**-180.  
 AU Chen, Y.; Sharp, A. H.; Hata, K.; Yunker, A. M. R.; Polo-Parada, L.;  
 Landmesser, L. T.; McEnery, M. W. [Reprint Author]  
 CS Case Western Reserve Univ, Dept Gen Med Sci, Sch Med, 10900 Euclid Ave,  
 Cleveland, OH 44106 USA  
 mwm4@case.edu  
 SO Neuroscience, (MAR 30 2007) Vol. 145, No. 3, pp. 981-996.  
 CODEN: NRSCDN. ISSN: 0306-4522.  
 DT Article  
 LA English  
 ED Entered STN: 30 May 2007  
 Last Updated on STN: 30 May 2007

L13 ANSWER 12 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2004:351979 BIOSIS  
 DN PREV200400352621  
 TI Selection of poly-alpha 2,8-sialic acid mimotopes from a random phage  
**peptide** library and analysis of their bioactivity.  
 AU Torregrossa, Pascal; Buhl, Lone; Bancila, Mircea; Durbec, Pascale;  
 Schafer, Claus; Schachner, Melitta; Rougon, Genevieve [Reprint Author]  
 CS Inst Dev BiolLab Neurogenese and Morphogenese Dev and Chez  
 AdulteCNRS, Unite Mixte Rech 6156, Univ Mediterranee, Parc Sci Luminy,  
 F-13288, Marseille, 9, France  
 rougon@ibdm.univ-mrs.fr  
 SO Journal of Biological Chemistry, (July 16 2004) Vol. 279, No. 29, pp.  
 30707-30714, 30697. print.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 DT Article  
 LA English  
 ED Entered STN: 26 Aug 2004  
 Last Updated on STN: 26 Aug 2004

L13 ANSWER 13 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2003:385095 BIOSIS  
 DN PREV200300385095  
 TI Localization of defined carbohydrate **epitopes** in bovine  
 polysialylated **NCAM**.  
 AU Wuhner, Manfred; Geyer, Hildegard; von der Ohe, Maren; Gerardy-Schahn,  
 Rita; Schachner, Melitta; Geyer, Rudolf [Reprint Author]  
 CS Fachbereich Humanmedizin, Biochemisches Institut, Universitaet Giessen,  
 Friedrichstrasse 24, 35392, Giessen, Germany  
 Rudolf.Geyer@biochemie.med.uni-giessen.de  
 SO Biochimie (Paris), (January-February 2003) Vol. 85, No. 1-2, pp. 207-218.  
 print.  
 CODEN: BICMBE. ISSN: 0300-9084.  
 DT Article  
 LA English  
 ED Entered STN: 20 Aug 2003  
 Last Updated on STN: 20 Aug 2003

L13 ANSWER 14 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2001:354705 BIOSIS  
 DN PREV200100354705  
 TI Characterization of N-glycans from mouse brain **neural**

**cell adhesion molecule.**

AU Liedtke, S.; Geyer, H.; Wuhrer, M.; Geyer, R. [Reprint author]; Frank, G.;  
Gerardy-Schahn, R.; Zaehring, U.; Schachner, M.  
CS Biochemisches Institut am Klinikum der Universitaet, Friedrichstrasse 24,  
D-35392, Giessen, Germany  
SO Glycobiology, (May, 2001) Vol. 11, No. 5, pp. 373-384. print.  
ISSN: 0959-6658.  
DT Article  
LA English  
ED Entered STN: 2 Aug 2001  
Last Updated on STN: 19 Feb 2002

L13 ANSWER 15 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2001:94409 BIOSIS  
DN PREV200100094409  
TI The **polysialic acid** moiety of the **neural**  
**cell adhesion molecule** is involved in  
intraretinal guidance of retinal ganglion cell axons.  
AU Monnier, Philippe P.; Beck, Sven G. M.; Bolz, Juergen; Henke-Fahle, Sigrid  
[Reprint author]  
CS Department of Ophthalmology, University of Tuebingen, Schleichstrasse 12,  
72076, Tuebingen, Germany  
sigrid.henke-fahle@med.uni-tuebingen.de  
SO Developmental Biology, (January 1, 2001) Vol. 229, No. 1, pp. 1-14. print.  
CODEN: DEBIAO. ISSN: 0012-1606.  
DT Article  
LA English  
ED Entered STN: 21 Feb 2001  
Last Updated on STN: 12 Feb 2002

L13 ANSWER 16 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1993:396091 BIOSIS  
DN PREV199396071391  
TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding  
endo-N-acetylneuraminidase (endo-N) and comparison to an endo-N homolog in  
bacteriophage PK1E.  
AU Petter, Jean G.; Vimr, Eric R. [Reprint author]  
CS Dep. Vet. Pathobiol., Univ. Ill. Urbana-Champaign, IL 61801, USA  
SO Journal of Bacteriology, (1993) Vol. 175, No. 14, pp. 4354-4363.  
CODEN: JOBAAY. ISSN: 0021-9193.  
DT Article  
LA English  
OS Genbank-M63657  
ED Entered STN: 23 Aug 1993  
Last Updated on STN: 28 Sep 1993

L13 ANSWER 17 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1993:345037 BIOSIS  
DN PREV199396042037  
TI Comparison of immunoreactivity between two different monoclonal antibodies  
recognizing **peptide** and **polysialic acid**  
chain **epitopes** on the **neural cell**  
**adhesion molecule** in normal tissues and lung tumors.  
AU Tome, Yoshiya [Reprint author]; Hirohashi, Setsuo; Noguchi, Masayuki;  
Matsuno, Yoshihiro; Shimamoto, Yukio  
CS Clin. Lab. Div., Natl. Cancer Cent. Hosp., 5-1-1 Tsukiji, Chuo-ku, Tokyo  
104, Japan  
SO Acta Pathologica Japonica, (1993) Vol. 43, No. 4, pp. 168-175.  
CODEN: APJAAG. ISSN: 0001-6632.  
DT Article  
LA English

ED Entered STN: 26 Jul 1993  
Last Updated on STN: 26 Jul 1993

L13 ANSWER 18 OF 36 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1993:272214 BIOSIS

DN PREV199396002439

TI A functional role for the middle extracellular region of the **neural cell adhesion molecule** (**NCAM**) in axonal fasciculation and orientation.

AU Pollerberg, G. Elisabeth [Reprint author]; Beck-Sickinger, Annette  
CS Max-Planck Inst. Developmental Biol., Dep. Biochem., Spemannstr. 35/II, D-7400 Tuebingen, Germany

SO Developmental Biology, (1993) Vol. 156, No. 2, pp. 324-340.  
CODEN: DEBIAO. ISSN: 0012-1606.

DT Article

LA English

ED Entered STN: 9 Jun 1993

Last Updated on STN: 9 Jun 1993

L13 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2007:345563 CAPLUS

DN 146:519897

TI Site-directed antibodies to low-voltage-activated calcium channel CaV3.3 (alphaII) subunit also target **neural cell adhesion molecule**-180

AU Chen, Y.; Sharp, A. H.; Hata, K.; Yunker, A. M. R.; Polo-Parada, L.; Landmesser, L. T.; McEnery, M. W.

CS School of Medicine, Department of General Medical Sciences, Case Western Reserve University, Cleveland, OH, 44106, USA

SO Neuroscience (San Diego, CA, United States) (2007), 145(3), 981-996  
CODEN: NRSCDN; ISSN: 0306-4522

PB Elsevier

DT Journal

LA English

RE.CNT 71 THERE ARE 71 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:556226 CAPLUS

DN 141:236325

TI Selection of Poly- $\alpha$  2,8-Sialic Acid Mimotopes from a Random Phage **Peptide** Library and Analysis of Their Bioactivity

AU Torregrossa, Pascal; Buhl, Lone; Bancila, Mircea; Durbec, Pascale; Schafer, Claus; Schachner, Melitta; Rougon, Genevieve

CS Laboratoire de Neurogenese et Morphogenese dans le Developpement et chez l'Adulte, Unite Mixte de Recherche CNRS 6156, Institut de Biologie du Developpement, Universite de la Mediterranee, Marseille, 13288 9, Fr.

SO Journal of Biological Chemistry (2004), 279(29), 30707-30714  
CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN

AN 2004:326183 CAPLUS

DN 140:350619

TI Poly- $\alpha$ 2,8-sialic acid mimetic **peptides** and their use in the treatment of neurodegenerative and other conditions

PA Centre National de la Recherche Scientifique (CNRS), Fr.; Universite de la Mediterranee - Aix-Marseille II; Schafer-N; Universitat Hamburg

SO Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1411061	A1	20040421	EP 2002-292548	20021016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CA 2501994	A1	20040429	CA 2003-2501994	20031016
	WO 2004035609	A2	20040429	WO 2003-IB5108	20031016
	WO 2004035609	A3	20040826		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003278501	A1	20040504	AU 2003-278501	20031016
	EP 1551867	A2	20050713	EP 2003-769800	20031016
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	JP 2006516186	T	20060629	JP 2004-544626	20031016
	US 2006122108	A1	20060608	US 2005-531701	20051213
PRAI	EP 2002-292548	A	20021016		
	WO 2003-IB5108	W	20031016		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2003:389497 CAPLUS  
DN 139:318848  
TI Localization of defined carbohydrate *epitopes* in bovine polysialylated *NCAM*  
AU Wuhrer, Manfred; Geyer, Hildegard; von der Ohe, Maren; Gerardy-Schahn, Rita; Schachner, Melitta; Geyer, Rudolf  
CS Fachbereich Humanmedizin, Biochemisches Institut, Universitat Giessen, Giessen, 35392, Germany  
SO Biochimie (2003), 85(1/2), 207-218  
CODEN: BICMBE; ISSN: 0300-9084  
PB Editions Scientifiques et Medicales Elsevier  
DT Journal  
LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2001:494584 CAPLUS  
DN 135:191891  
TI Characterization of N-glycans from mouse brain *neural cell adhesion molecule*  
AU Liedtke, S.; Geyer, H.; Wuhrer, M.; Geyer, R.; Frank, G.; Gerardy-Schahn, R.; Zahringer, U.; Schachner, M.  
CS Zentrum fur Molekulare Neurobiologie, Universitat Hamburg, Hamburg, D-20246, Germany  
SO Glycobiology (2001), 11(5), 373-384  
CODEN: GLYCE3; ISSN: 0959-6658  
PB Oxford University Press  
DT Journal  
LA English



RE.CNT 68      THERE ARE 68 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13    ANSWER 24 OF 36    CAPLUS    COPYRIGHT 2007 ACS on STN  
AN    2000:908363    CAPLUS  
DN    134:249711  
TI    The *Polysialic Acid* Moiety of the *Neural Cell Adhesion Molecule* Is Involved in Intraretinal Guidance of Retinal Ganglion Cell Axons  
AU    Monnier, Philippe P.; Beck, Sven G. M.; Bolz, Jurgen; Henke-Fahle, Sigrid  
CS    Department of Ophthalmology, University of Tübingen, Tübingen, D-72076, Germany  
SO    Developmental Biology (Orlando, FL, United States) (2001), 229(1), 1-14  
      CODEN: DEBIAO; ISSN: 0012-1606  
PB    Academic Press  
DT    Journal  
LA    English

RE.CNT 60      THERE ARE 60 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13    ANSWER 25 OF 36    CAPLUS    COPYRIGHT 2007 ACS on STN  
AN    1993:618783    CAPLUS  
DN    119:218783  
TI    Complete nucleotide sequence of the bacteriophage K1F tail gene encoding endo-N-acetylneuraminidase (endo-N) and comparison to an endo-N homolog in bacteriophage PK1E  
AU    Petter, Jean G.; Vimr, Eric R.  
CS    Dep. Vet. Pathobiol., Univ. Illinois, Urbana, IL, 61801, USA  
SO    Journal of Bacteriology (1993), 175(14), 4354-63  
      CODEN: JOBAAY; ISSN: 0021-9193  
DT    Journal  
LA    English

L13    ANSWER 26 OF 36    CAPLUS    COPYRIGHT 2007 ACS on STN  
AN    1993:467102    CAPLUS  
DN    119:67102  
TI    Comparison of immunoreactivity between two different monoclonal antibodies recognizing *peptide* and *polysialic acid* chain *epitopes* on the *neural cell adhesion molecule* in normal tissues and lung tumors  
AU    Tome, Yoshiya; Hirohashi, Setsuo; Noguchi, Masayuki; Matsuno, Yoshihiro; Shimamoto, Yukio  
CS    Clin. Lab. Div., Natl. Cancer Cent. Hosp., Tokyo, 104, Japan  
SO    Acta Pathologica Japonica (1993), 43(4), 168-75  
      CODEN: APJAAG; ISSN: 0001-6632  
DT    Journal  
LA    English

L13    ANSWER 27 OF 36    CAPLUS    COPYRIGHT 2007 ACS on STN  
AN    1993:188090    CAPLUS  
DN    118:188090  
TI    A functional role for the middle extracellular region of the *neural cell adhesion molecule* (*NCAM*) in axonal fasciculation and orientation  
AU    Pollerberg, G. Elisabeth; Beck-Sickinger, Annette  
CS    Dep. Biochem., Max-Planck Inst. Dev. Biol., Tübingen, D-7400, Germany  
SO    Developmental Biology (Orlando, FL, United States) (1993), 156(2), 324-40  
      CODEN: DEBIAO; ISSN: 0012-1606  
DT    Journal  
LA    English

L13    ANSWER 28 OF 36    EMBASE    COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
AN    2007144072    EMBASE

TI Site-directed antibodies to low-voltage-activated calcium channel Ca(V)3.3 (alphaI) subunit also target **neural cell adhesion molecule-180**.  
 AU Chen Y.; Sharp A.H.; Hata K.; Yunker A.M.R.; Polo-Parada L.; Landmesser L.T.; McEnery M.W.  
 CS M.W. McEnery, Department of General Medical Sciences, Case Western Reserve University, School of Medicine, 10900 Euclid Avenue, Cleveland, OH 44106, United States. mwm4@case.edu  
 SO Neuroscience, (30 Mar 2007) Vol. 145, No. 3, pp. 981-996. .  
 Refs: 71  
 ISSN: 0306-4522 CODEN: NRSCDN  
 PUI S 0306-4522(06)01753-2  
 CY United Kingdom  
 DT Journal; Article  
 FS 026 Immunology, Serology and Transplantation  
 029 Clinical Biochemistry  
 008 Neurology and Neurosurgery  
 LA English  
 SL English  
 ED Entered STN: 16 Apr 2007  
 Last Updated on STN: 16 Apr 2007

L13 ANSWER 29 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2004307348 EMBASE  
 TI Selection of poly- $\alpha$  2,8-sialic acid mimotopes from a random phage **peptide** library and analysis of their bioactivity.  
 AU Torregrossa P.; Buhl L.; Bancila M.; Durbec P.; Schafer C.; Schachner M.; Rougon G.  
 CS G. Rougon, Lab. Neurogen./Morphogen./Devm. /A., Universite de la Mediterranee, Inst. de Biologie du Developpement, Parc Scientifique de Luminy, 13288 Marseille Cedex 9, France. rougon@ibdm.univ-mrs.fr  
 SO Journal of Biological Chemistry, (16 Jul 2004) Vol. 279, No. 29, pp. 30707-30714. .  
 Refs: 40  
 ISSN: 0021-9258 CODEN: JBCHA3  
 CY United States  
 DT Journal; Article  
 FS 021 Developmental Biology and Teratology  
 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 26 Aug 2004  
 Last Updated on STN: 26 Aug 2004

L13 ANSWER 30 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 2003215560 EMBASE  
 TI Localization of defined carbohydrates **epitopes** in bovine polysialylated **NCAM**.  
 AU Wuhler M.; Geyer H.; Von Der Ohe M.; Gerardy-Schahn R.; Schachner M.; Geyer R.  
 CS R. Geyer, Biochemisches Institut, Fachbereich Humanmedizin, Universitat Giessen, Friedrichstrasse 24, 35392 Giessen, Germany. Rudolf.Geyer@biochemie.med.uni-giessen.de  
 SO Biochimie, (2003) Vol. 85, No. 1-2, pp. 207-218. .  
 Refs: 36  
 ISSN: 0300-9084 CODEN: BICMBE  
 CY Netherlands  
 DT Journal; Article  
 FS 029 Clinical Biochemistry  
 LA English  
 SL English  
 ED Entered STN: 12 Jun 2003

Last Updated on STN: 12 Jun 2003

- L13 ANSWER 31 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
AN 2001264129 EMBASE  
TI Characterization of N-glycans from mouse brain **neural cell adhesion molecule**.  
AU Liedtke S.; Geyer H.; Wuhrer M.; Geyer R.; Frank G.; Gerardy-Schahn R.; Zahringer U.; Schachner M.  
CS R. Geyer, Biochemisches Institut, Klinikum der Universitat, Friedrichstrasse 24, D-35392 Giessen, Germany  
SO Glycobiology, (2001) Vol. 11, No. 5, pp. 373-384. .  
Refs: 68  
ISSN: 0959-6658 CODEN: GLYCE3  
CY United Kingdom  
DT Journal; Article  
FS 008 Neurology and Neurosurgery  
029 Clinical Biochemistry  
LA English  
SL English  
ED Entered STN: 16 Aug 2001  
Last Updated on STN: 16 Aug 2001
- L13 ANSWER 32 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
AN 2001030916 EMBASE  
TI The **polysialic acid** moiety of the **neural cell adhesion molecule** is involved in intraretinal guidance of retinal ganglion cell axons.  
AU Monnier P.P.; Beck S.G.M.; Bolz J.; Henke-Fahle S.  
CS S. Henke-Fahle, Department of Ophthalmology, University of Tübingen, Schleichstrasse 12, 72076 Tübingen, Germany. sigrid.henke-fahle@med.uni-tuebingen.de  
SO Developmental Biology, (1 Jan 2001) Vol. 229, No. 1, pp. 1-14. .  
Refs: 60  
ISSN: 0012-1606 CODEN: DEBIAO  
CY United States  
DT Journal; Article  
FS 008 Neurology and Neurosurgery  
021 Developmental Biology and Teratology  
LA English  
SL English  
ED Entered STN: 8 Feb 2001  
Last Updated on STN: 8 Feb 2001
- L13 ANSWER 33 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
AN 93206950 EMBASE  
DN 1993206950  
TI Complete nucleotide sequence of the bacteriophage K1F tail gene encoding endo-N-acetylneuraminidase (endo-N) and comparison to an endo-N homolog in bacteriophage PK1E.  
AU Petter J.G.; Vimr E.R.  
CS Veterinary Pathobiology Department, University of Illinois, Urbana, IL 61801, United States  
SO Journal of Bacteriology, (1993) Vol. 175, No. 14, pp. 4354-4363. .  
ISSN: 0021-9193 CODEN: JOBAAY  
CY United States  
DT Journal; Article  
FS 004 Microbiology  
LA English  
SL English  
ED Entered STN: 15 Aug 1993  
Last Updated on STN: 15 Aug 1993

L13 ANSWER 34 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 93128053 EMBASE  
 DN 1993128053  
 TI Comparison of immunoreactivity between two different monoclonal antibodies recognizing **peptide** and **polysialic acid** chain **epitopes** on the **neural cell adhesion molecule** in normal tissues and lung tumors.  
 AU Tome Y.; Hirohashi S.; Noguchi M.; Matsuno Y.; Shimozato Y.  
 CS Clinical Laboratory Division, National Cancer Center Hospital, 5-1-1 Tsukiji, Chuo-ku, Tokyo 104, Japan  
 SO Acta Pathologica Japonica, (1993) Vol. 43, No. 4, pp. 168-175. .  
 ISSN: 0001-6632 CODEN: APJAAG  
 CY Japan  
 DT Journal; Article  
 FS 005 General Pathology and Pathological Anatomy  
 015 Chest Diseases, Thoracic Surgery and Tuberculosis  
 016 Cancer  
 LA English  
 SL English  
 ED Entered STN: 6 Jun 1993  
 Last Updated on STN: 6 Jun 1993

L13 ANSWER 35 OF 36 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN  
 AN 93122299 EMBASE  
 DN 1993122299  
 TI A functional role for the middle extracellular region of the **neural cell adhesion molecule (NCAM)** in axonal fasciculation and orientation.  
 AU Pollerberg G.E.; Beck-Sickinger A.  
 CS Max-Planck Inst. for Devel. Biology, Department of Biochemistry, Spemannstrasse 35/II, D-7400 Tübingen, Germany  
 SO Developmental Biology, (1993) Vol. 156, No. 2, pp. 324-340. .  
 ISSN: 0012-1606 CODEN: DEBIAO  
 CY United States  
 DT Journal; Article  
 FS 001 Anatomy, Anthropology, Embryology and Histology  
 021 Developmental Biology and Teratology  
 LA English  
 SL English  
 ED Entered STN: 6 Jun 1993  
 Last Updated on STN: 6 Jun 1993

L13 ANSWER 36 OF 36 TOXCENTER COPYRIGHT 2007 ACS on STN  
 AN 2004:102190 TOXCENTER  
 CP Copyright 2007 ACS  
 DN CA14022350619U  
 TI Poly- $\alpha$ 2,8-sialic acid mimetic **peptides** and their use in the treatment of neurodegenerative and other conditions  
 CS ASSIGNEE: Universität Hamburg  
 PI EP 1411061 A1 21 Apr 2004  
 SO (2004) Eur. Pat. Appl., 36 pp.  
 CODEN: EPXXDW.  
 CY FRANCE  
 DT Patent  
 FS CAPLUS  
 OS CAPLUS 2004:326183  
 LA English  
 ED Entered STN: 4 May 2004  
 Last Updated on STN: 21 Feb 2006